Author Index Volume 61 (1991)

Aguilella, V.M., 177
Almeida, J.S., 303

Bargeman, D., 73
Barlow, E., 215
Baumann, H., 253
Blume, I., 85
Bodzek, M., 131
Brites, A.M., 49
Butler, E.P., 215

Carrondo, M.J.T., 303
Chiao, Y.C., 239
Chlanda, F.P., 239
Cipriano, M.M., 65
Clarotti, G., 289
Cowieson, D.R., 215
Crespo, J.P.S.G., 303
Cuperus, F.P., 73

Diogo, A., 65

El Mahi, B., 191
Eroglu, I., 325

Franke, M., 31

Geckeler, K.E., 289
Göpel, W., 289
Gudernatsch, W., 19, 269

Haublin, M., 315
Hofmann, T., 1

Janssen, H., 113

Keller, R., 253
Kilmartin, P., 215
Kimmerle, K., 1, 269
Klatt, S.T., 31
Knez, Z., 315
Konieczny, K., 131
Krajewska, B., 279
Küpcü, S., 167

Landham, R.R., 215
Langevin, D., 191
Leszko, M., 279

Mafé, S., 177
Mani, K.N., 239
Manzanares, J.A., 177
Maser, F., 269
Menzel, Th., 19
Métayer, M., 191
Michas, A., 157
Millet, P., 157
Moriyama, K., 227
Moura, M.J., 303
Mulder, M.H.V., 85, 99

Nijhuis, H.H., 99
Norberta de Pinho, M., 49, 65

Orsetti, A., 289

Pellicer, J., 177
Pinoche, M., 191

Rautenbach, R., 31
Ruzicka, E., 253

Sander, U., 113
Sára, M., 167
Schue, F., 289
Schwering, P.J.F., 85
Sledz, J., 289
Sleytr, U.B., 167
Smolders, C.A., 73, 85, 99
Strathmann, H., vii, 1, 19
Ströher-Glowienka, C., 269

Thomas, M.P., 215

Uragami, T., 227

Yamamoto, M., 227
Yücel, A.M., 325

Zaborska, W., 279
Zubat, B.M., 325

Subject Index Volume 61 (1991)

acid-base purification, 239
antiport, 227
aqueous-organic mixtures, 31
artificial kidney, 279

Bacillus stearothermophilus, 167
bacterial cell surface layers, 167
bacteriorhodopsin, 325
biocompatibility, 289
biomedical membranes, 289
biomembrane analogs, 227, 325
biomimetic membranes, 253
biosynthetic membranes, 325
bipolar membranes, 239

cation-exchange membrane, 227
cell recycling, 303
cellulose acetate membranes, 49
chitosan membrane, 279
chloromethanes, 85
collagen film, 269
composite membranes, 1, 19, 215
composite membrane, metal oxide based, 157
concentration polarization, 177
continuous culture, 303
coupled transport, 191
coupled, facilitated transport, 227

diffusion, 177

economics, 113
electrochemistry, 157
electrodialysis, 117, 239
ethylene propylene rubber, 99

film theory, 49
fluorocarbon films, 289
food technology, 269

gas separations, 1
gold sol method, 73

hemocompatibility, 289
heparin, immobilization of, 253
hollow fiber membrane, 315
2-hydroxy-3-(trimethylammoniumchloride)propyl-cellulose, partially substituted, 253

inorganic membranes, 215
ion-exchange membranes, 177, 191

liposomes, 325

mass transfer, 49
membrane reactor, 315
membrane preparation and structure, 1, 19, 131, 289
membrane-bound enzymes, 325
modified cellulose membrane, 315

n-butyl oleate, synthesis of, 315
nuclear acid bases, 227

permeant/carrier complexes, 191
permporometry, 73
pervaporation, 19, 31, 65, 99, 269
plasma polymerized membranes, 289
platelet adhesion, 253
poly(butadien-styrene), 1
poly(2,6-dimethyl-,1,4-phenylene oxide) membrane, 73
poly (dimethylsiloxane), 1, 85, 99
poly(ethersulfone) membrane, 1
poly(ethersulfone)/poly(dimethylsiloxane) composite membranes, 19
poly(styrene sulfonic acid), 227
poly(vinyl alcohol), 227
poly(vinyl chloride) membranes, 131
polymer structure design, 65
polyoctenamer, 99
polysulfone membrane, 289
polyurea-polyurethane membranes, 65
pore size, 73
pore flow model, 49
pore-size distribution, 279
porosity, 73
Propionibacterium acidi-propionici, 303
propionic acid, 303

separation of ethyl alcohol/water, 65
skin thickness, 73
sorption and permeation, 85
surface characterization, 289
surface modification, 289
symport, 227

theory, 99

ultrafiltration, 131, 167, 215
ultrafiltration, mass transfer in, 49
ultrafiltration membrane, 303
ultrafiltration membrane, anisotropic, 73
urease, immobilized, 279

vapour permeation, industrial application of, 113
volatile organics, removal of, 99